

UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	1	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/813,687		03/31/2004	Patricius Aloysius Jacobus Tinnemans	081468-0308853	4349
909	7590	11/29/2005		EXAMINER	
		THROP SHAW F	NGUYEN, HUNG		
P.O. BOX 10500 MCLEAN, VA 22102				ART UNIT	PAPER NUMBER
ŕ				2851	
				DATE MAILED: 11/29/2009	•

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
	10/813,687	TINNEMANS ET AL.					
Office Action Summary	Examiner	Art Unit					
	Hung Henry V. Nguyen	2851					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply							
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).							
Status							
 Responsive to communication(s) filed on 31 M. This action is FINAL. Since this application is in condition for allowar closed in accordance with the practice under E 	action is non-final. nce except for formal matters, pro						
Disposition of Claims							
4) ⊠ Claim(s) <u>1-22</u> is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) ⊠ Claim(s) <u>1-22</u> are subject to restriction and/or expressions.	vn from consideration.						
Application Papers							
9) The specification is objected to by the Examiner 10) The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the of Replacement drawing sheet(s) including the correction of the oath or declaration is objected to by the Examiner	epted or b) objected to by the Eddrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).					
Priority under 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
Attachment(s) 1) Notice of References Cited (PTO-892) Notice of References Cited (PTO-892)	4)						
Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date		ate catent Application (PTO-152)					

Page 2

Application/Control Number: 10/813,687

Art Unit: 2851

DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-10, 15-18 and 21, drawn to a lithographic support system having a robot arm comprising a clamp and a compliant structure to compensate a tilt and displacement between object and the clamp, classified in class 355, subclass 72.
 - II. Claims 11-12, 19, 22 drawn to a electrostatic clamping structure for use in a lithography apparatus comprising a Johnson-Raybeck effect type clamp provided with an oxidize layer, classified in class 361, subclass 234.
 - III. Claims 13, and 20 drawn to a lithographic support structure for holding and moving an object comprising a Johnson-Raybeck effect type clamp configured with a DC and AC power supply controllers to effect respective clamping and declamping of an object, classified in class 361, subclass 235.
 - IV. Claim 14, drawn to a method of cleaning a substrate holder, classified in class355, subclass 77.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions I-IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, inventions I-IV have separate utilities such as utilizing a rotatable robot arm for accurately transporting and aligning the substrate in a photosensitive substrate processing system; holding an object in a laser machining apparatus using a Johnson-

Application/Control Number: 10/813,687 Page 3

Art Unit: 2851

Raybeck type clamp with an oxidized layer for reducing the thermal expansion of the object, generating clamping voltage and declamping voltage for holding a substrate to an electrostatic chuck for minimizing the time of de-clamping, a method for cleaning a substrate by repeatly clamping and declamping the substrate at more than one location of a positioning apparatus. See MPEP § 806.05(d).

- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
- 4. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.
- 5. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
- 6. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Henry V. Nguyen whose telephone number is 571-272-2124. The examiner can normally be reached on Monday-Friday (First Friday off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on 571-272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hung Henry V Nguyen Primary Examiner Art Unit 2851

hvn 11/24/05